

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/CA2005/000032

## A. CLASSIFICATION OF SUBJECT MATTER

According to International Patent Classification (IPC) or to both national classification and IPC  
IPC 7: A61B 8/00, A61B 5/06, GO6T 7/00

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7: A61B, G06T (all subsections with combinations of keywords)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic database(s) consulted during the international search (name of database(s) and, where practicable, search terms used)  
Canadian Patent Database, USPTO Web Database, Delphion, Questel-Orbit QWEB - PLUSPAT Database, Japanese Patent Office Abstracts (keywords: difference map, image processor, and related terms)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No(s).
X	WO 02/096507 A2 (MAKIN, I.R.S., DUNKI-JACOBS, R.), 5 December, 2002 (05.12.2002), pages 40-43.	1, 2, 4, 5, 10, 11, 13, 14
Y		3, 6-8, 12, 15
Y	CA 2,403,526 A1 (BURKE, T.M., CARROTT, D.T.), 12 October 2001 (12.10.2001), pages 6-9.	3, 6-8, 15
X	US 2003/0135119 A1 (LEE K.J. et al), 17 July 2003 (17.07.2003), pages 2-3.	16-23, 26- 29
Y		12

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents :	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent but published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

01 April 2005 (01-04-2005)

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.  
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Patent Document Cited in Search Report	Publication Date	Patent Family Member(s)	Publication Date
WO02096507	05-12-2002	CA2448906 A1 CA2448957 A1 CA2449012 A1 CA2449015 A1 CA2449062 A1 CA2449068 A1 CA2449568 A1 EP1397070 A2 EP1397073 A2 EP1397074 A2 EP1397075 A2 EP1401530 A2 EP1427343 A2 EP1432355 A2 JP2004528924T T JP2004528925T T JP2004530481T T JP2004532686T T JP2004532688T T JP2004532689T T JP2004532690T T JP2004532691T T JP2004535860T T JP2004537350T T US2003013960 A1 US2003013970 A1 US2003013971 A1 US2003013972 A1 US2003014093 A1 US2003018266 A1 US2003018270 A1 US2003032898 A1 US2003069502 A1 US2003092988 A1 US2004106870 A1 US2004127791 A1 WO02096304 A1 WO02096481 A2 WO02096501 A2 WO02096502 A2 WO02096503 A2 WO02096504 A2 WO02096505 A2 WO02096506 A2 WO02096507 A2 WO02096508 A2	05-12-2002 05-12-2002 05-12-2002 05-12-2002 05-12-2002 05-12-2002 05-12-2002 17-03-2004 17-03-2004 17-03-2004 17-03-2004 31-03-2004 16-06-2004 30-06-2004 24-09-2004 24-09-2004 07-10-2004 28-10-2004 28-10-2004 28-10-2004 28-10-2004 02-12-2004 16-12-2004 16-01-2003 16-01-2003 16-01-2003 16-01-2003 16-01-2003 16-01-2003 16-01-2003 16-01-2003 16-01-2003 16-01-2003 16-01-2003 16-01-2003 16-01-2003 15-05-2003 03-06-2004 01-07-2004 05-12-2002 05-12-2002 05-12-2002 05-12-2002 05-12-2002 05-12-2002 05-12-2002 05-12-2002 05-12-2002 05-12-2002 05-12-2002 05-12-2002 05-12-2002
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